

Title (en)
Bakers' oven for continuous cooking of bakery or pastry products or the same

Title (de)
Bäckereiofen zum kontinuierlichen Kochen von Back- oder Konditorwaren oder ähnlichen

Title (fr)
Four à cuisson continue de produits de boulangerie, viennoiserie, pâtisserie et analogues

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EP 0710441 A1 19960508 (FR)

Application
EP 95440074 A 19951103

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FR 9413506 A 19941107

Abstract (en)
Oven for cooking bakery prods., viennese pastries, cakes and similar prods. comprises adjacent modules (A, B, C), each with a baking chamber (3, 3', 3'') and a conveyor system (4, 4', 4'') which moves supporting components (2), such as plates or nets, bearing the prods. through the cooking chamber, between an inlet (5, 5', 5'') and an outlet (6, 6', 6''). The inlet of one module (B, C) can be aligned with the outlet (6, 6') of the preceding module (A, B) so that the supporting components can be passed from one module to another or can be evacuated from the last module (C). Each module has connections (21, 22) which surround the outlet and inlet, enabling in to be joined to the preceding module. The conveyor system is in the form of an intermittently operated noria (24), upon which the supporting components are placed and which comprises a transfer mechanism (34) at the upper end to reverse the movement of the supporting components from upwards (24) to downwards (25). The conveyors comprise an additional conveyor (42, 42', 42'') which extends simultaneously under the upwardly and downwardly moving supporting components to facilitate the evacuation of a supporting component conveyor or an additional conveyor (42, 42', 42'') which was not transferred to the noria.

Abstract (fr)
L'invention a trait à un four à cuisson continue de produits de boulangerie, viennoiserie, pâtisserie et analogues, composé de modules juxtaposables (A, B, C) chaque module (A, B, C) comportant une enceinte de cuisson (3, 3', 3'') et des moyens de transport (4, 4', 4'') de supports (2) sur lesquels sont disposés les produits pour acheminer ceux-ci au travers de l'enceinte de cuisson (3, 3', 3''). Ce four à cuisson continue est caractérisé en ce que l'ouverture d'entrée (5, 5', 5'') de l'enceinte de cuisson (3, 3', 3'') d'un module (B, C) est apte à coïncider avec l'ouverture de sortie (6, 6') d'un module (A, B) précédent, ces ouvertures se présentant sous forme de fentes et étant entourées de moyens de liaison (21, 22) permettant à un module d'être solidarisé au module qui le précède et/ou le suit, lesdits moyens de transport (4, 4', 4'') comportant, d'une part, une noria (23) à fonctionnement intermittent et, d'autre part, un convoyeur de transfert (42, 42', 42'') s'étendant, simultanément, sous la colonne descendante (25) et sous la colonne ascendante (24) de la noria (23). <IMAGE>

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IPC 8 full level
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A21B 1/26 (2013.01 - EP US); **A21B 1/42** (2013.01 - EP US)

Citation (applicant)
FR 2045892 A1 19710305 - DEBAG DEUTSCHE BACKOFENBAU

Citation (search report)
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